

Patent claims

1. An overvoltage protection magazine for a telecommunications device, comprising a housing, a printed circuit board, two or more surge arresters and at least one ground contact, the surge arresters, being arranged on the printed circuit board and being passed via conductor tracks to contact pads arranged on the printed circuit board which, when plugged in, come into electrical contact with contacts of the telecommunications device,
wherein
the surge arresters (4) are arranged in a row.
2. The overvoltage protection magazine as claimed in claim 1, wherein the surge arresters (4) are in the form of SMD surge arresters.
3. The overvoltage protection magazine as claimed in claim 1 or 2, wherein the housing (2) is integral.
4. The overvoltage protection magazine as claimed in claim 3, wherein the housing (2) is open at the top and covered by an insulator strip (5).
5. The overvoltage protection magazine as claimed in claim 4, wherein the inner sides of the housing (2) are provided with supports for the insulator strip (5).
6. The overvoltage protection magazine as claimed in claim 4 or 5, wherein the housing is provided with semicylindrical recesses (13) which are provided with slots in the region of the top of the housing (2), the insulator strip (5) being passed between the slots (15).
7. The overvoltage protection magazine as claimed in one of claims 4 to 6, wherein the edges (14) at the top of the housing (2) are set back at the sides such that the insulator strip (5) is flush with the top of the housing (2).

8. The overvoltage protection magazine as claimed in one of claims 4 to 7, wherein the housing (2) is provided with a slot (18) on at least one of the end sides (16).
- 5 9. The overvoltage protection magazine as claimed in one of the preceding claims, wherein the ground contact (6) is in the form of a fork contact (19) and is connected to the printed circuit board (3) via the fork contact (19).
- 10 10. The overvoltage protection magazine as claimed in one of the preceding claims, wherein the surge arresters (4) are fail-safe.
11. The overvoltage protection magazine as claimed in one of the preceding claims, wherein the contact pads (8, 11) of the printed circuit board (3) are made of silver.
- 15 12. The overvoltage protection magazine as claimed in one of the preceding claims, wherein the bottom of the housing (2) is provided with cutouts in the region of the ground contacts (6).